

Gardening for Beginners Week 3: Choosing Plants and Keeping Them Safe



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This week's class

- Review last week's class
- 10 easy plants
- Shopping for plants and seeds
- Starting plants from seeds
- Pests and weeds



Review of last week's class



- Questions related to last week's class
- How are your seedlings?
- Review of last week's homework



- Questions related to last week's class



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- How are your seedlings?



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1. Your USDA climate zone -
10a for Mountain View, 94041



2. Bird attracted to Pineapple Guava
(from UC Davis Arboretum plant database:
Pineapple Guava; **Latin Name** *Acca sellowiana*
(*Feijoa sellowiana*); **Description** Attractive spring
flowers are edible and sweet; large green berries
have a pineapple-like flavor; can be used as hedging
or as a screen; **attracts hummingbirds.**



3. An interesting garden design (or planting plan)

There are many...

4. Scientific name of Seaside Daisy

From Calscape.org: **Erigeron glaucus**

5. A small deciduous tree native to California

From <https://selectree.calpoly.edu/>

- *Acer circinatum* 'Monroe' - Monroe vine maple
- *Cornus sericea* subsp. *sericea* - Red osier dogwood



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6. A vegetable to grow in the fall, winter, or spring (not summer)

From mgsantaclara.ucanr.edu:

Bok choy, broccoli, peas, lettuce



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Ten easy plants: Rosemary



Photo by Jennifer Baumbach, UC ANR

Ten easy plants: Chives



Ten easy plants: Lettuce



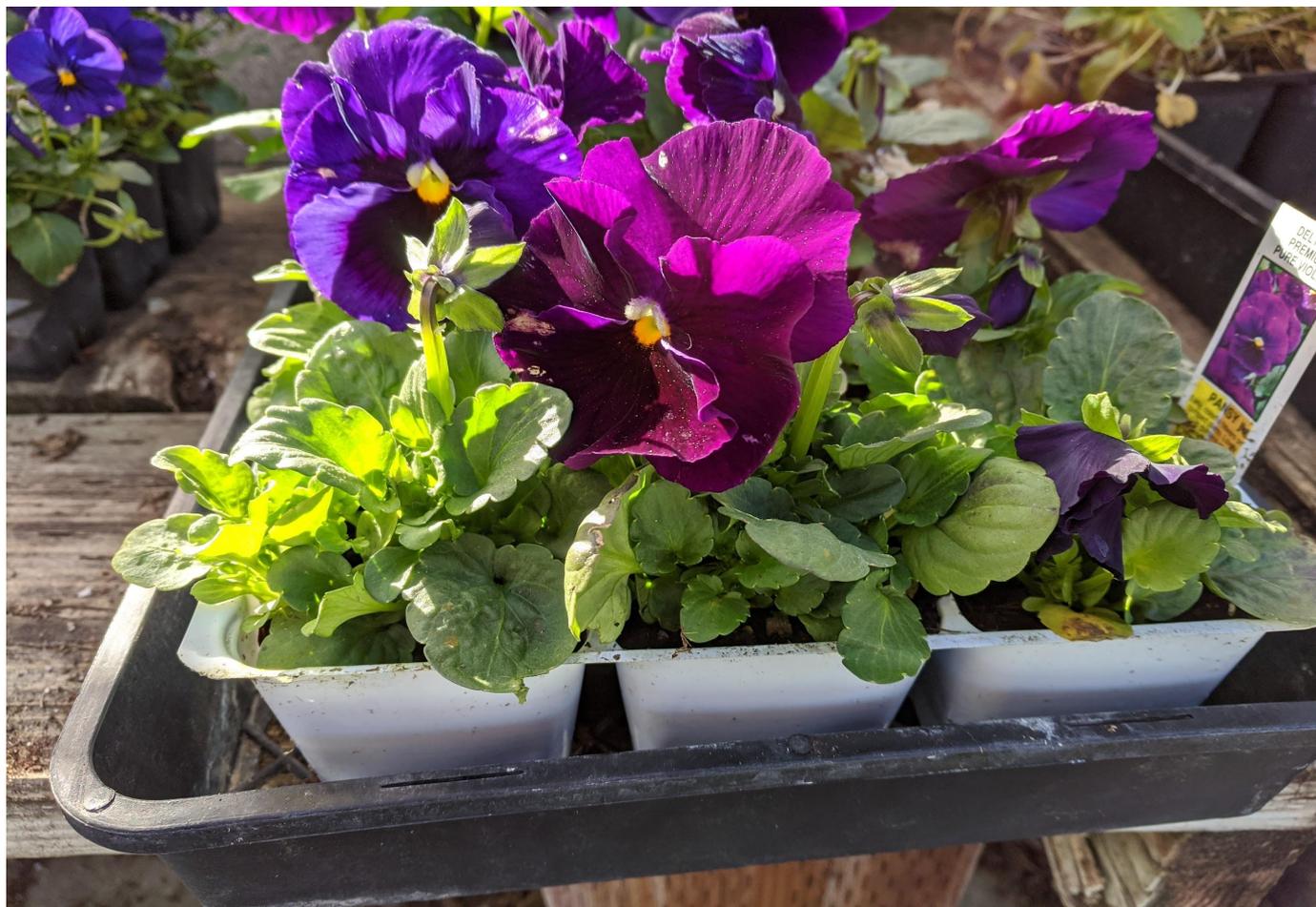
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Ten easy plants: Tomato



Ten easy plants: Viola/Pansy



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Ten easy plants: Sunflower



Ten easy plants: Salvia



[Photo](#) by Stefano CC BY-NC-SA 2.0

Ten easy plants: Lantana



Ten easy plants: California fuchsia



[Photo](#) by CountryMouse13, CC BY -NC -ND 2.0

Ten easy plants: Citrus tree



Shopping for plants

Some resources in our area include:

General Plant Nurseries – examples
Yamagami's, Central Wholesale, etc

Specialty Nurseries – examples
Bay Natives, Nola's Iris Garden, etc

Online Sources – examples
White Flower Farm, Etsy, Annie's Annuals, etc.

Big Box Stores – examples
Home Depot, Lowes, etc.



Nurseries arrange plants in numerous ways



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Reading plant labels

Sweet pea 'Blue Celeste'

Lathyrus odoratus, Annual, Full sun

6-8' tall. Plant 4-5" apart. Fragrant ruffled sweet pea in a luminous silky pale blue color.

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CAREX species - Berkeley Sedge (formerly

C. tumulicola) Berkeley Sedge

Grass-like Perennial. Drought, deer and bog tolerant. Clump-forming, evergreen ornamental grass. Good ground cover under trees; tolerates abuse. Inconspicuous brownish flowers. Attracts butterflies. Native to Berkeley, CA. Height: 18-24" (usually 8 to 12"). Spread: 18-24". Exposure: sun or shade. Water: moderate. USDA Z8.



Snow Crown Cauliflower Hybrid

18-24" tall. Plant 24-30" apart. Early Snowball type is pure white, round and flavorful, weighing up to 2 lbs. each.

mgsantaclara.ucanr.edu



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Nursery signage can be very good



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Plant containers you'll encounter



Also 1 gallon,
2 gallon, 5 gallon,
up to 24" box



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Inspect the roots



Photo by Louise Christy

Don't buy this



Photo by Louise Christy

Don't buy this



Photo by Karen Schaffer

Why Grow Plants from Seeds?

- ✓ Not always, but it can be cheaper, if you need a lot of plants.
- ✓ Easier to get “one of each” vs. 15 of 1.
- ✓ You may find seeds in catalogs that are not available at local nurseries or plants that are different from your neighbors (greater selection).
- ✓ Does your garden have growing conditions that are unique (Sun, Soil, Diseases, Space, Containers, Climate)?
- ✓ Do you want to grow something that is best grown from seeds (Carrots, Corn, Dill, Parsnips, Radishes) or easier (Squash, Peas, Beans)?
- ✓ Seeds can allow to Get a “Jump Start” on the Growing Season.



Where to get seeds

See MG Handout & Following slide



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Shopping for Seeds

Burpee – www.burpee.com (Hybrid & Heirloom)

Reimer Seeds – www.reimerseeds.com) (Hybrid & Heirloom)

Renee's Garden – www.reneesgarden.com (Organic & Heirloom)

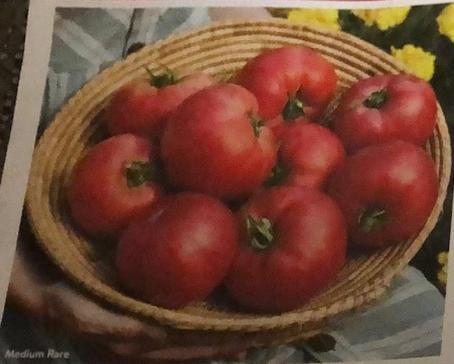
Tomato Fest - www.tomatofest.com (Organic and Heirloom)

Johnny's Selected Seeds - Johnnyseeds.com



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Medium Rare

Medium Rare Hybrid

Burpee Exclusive.
Beefsteak Tomato, 75-80 days. Sink your teeth into 'Medium Rare's' earthy fragrance and rich, meaty flavor. Pair thick, juicy slices of our deeply shouldered pink beefsteak with medium rare steak for the beefsteak with medium rare steak for the sandwich of your summertime dreams. Beginning mid-summer, one single 6-7 lb. vine commences its seasonal payload of 18-20 virtuous savory and snaky-flavored tomatoes. Proven performer tolerates challenging weather conditions. Unusual earliness, ideal for Northern U.S.
 Wt: 16-18 oz. Indeterminate. Full Sun.

62880A 25 seeds per packet \$6.95
 21881 1 order / 3 plants \$18.95
 Buy 1 Plant in Mix & Match, page 77

Marry Me

Burpee Exclusive.
Echinacea. Just say "Yes!", and 'Marry Me' will do everything right: blooms long, uses little water, survives heat and cold, repels deer, and returns year after year—what a deer, and returns year after year—what a marriage! Decked out with 3" wedding-dress-white flowers with a big yellow cone. The perfect addition to your family. Perennial. Height: 18-24". Spread: 12-18". Zones: 3-8. Full Sun.

31360A 50 seeds per packet \$6.95
 29151 1 order / 4 plants \$28.95

Fort Knox Hybrid

Burpee Exclusive.
Summer Squash, 50 days. Newsflash! 'Burpee's' summer squash is as valuable as gold bars from Fort Knox. Glossy golden treasures reward you with creamy, comforting dishes, however you prepare them. 1-2' high plants spread out 4-5', delivering a wealth of 10" valuable fruits. Let grow longer for oodles of "zoodles". Full Sun.

51435A 20 seeds per packet \$5.45

First 13

Burpee Exclusive.
Pea, 60-65 days. Power to the pea-ple! 'First 13' presents a phenomenal 13 peas per pod—nature's maximum—in your very first harvest. Robust 3-4' vines produce later harvests of great big 5" pods with 9-12 peas bursting with delicious flavor. Keeps producing unusually late into the season. Full Sun.

65630A 300 seeds per packet \$4.95



Warm Summer



Ring Leader

Warm Summer

Burpee Exclusive.
Echinacea. Vibrant medley of coneflowers in summery shades creates a spectacle in the border June through August. Single flowers in juicy shades of orange, yellow, scarlet, rose, purple and cream stand tall on long, strong stems and create a stunning display in a vase—fresh or dried. Height: 26-30". Spread: 16-18". Zones: 4-9, Full Sun.

31260A 10 seeds per packet \$5.95
 114934 1 order / 4 plants \$28.95



Hasta La Pasta

IT'S BACK!

Ring Leader Hybrid

Burpee Exclusive.
Hot Pepper, 55-60 days. Early ripening, this prolific pepper runs rings around other jalapeños! Let 'Ring Leader' be your summer-long source for tasty jalapeño rings in Southwest recipes and salads, and on burgers and tacos. Fantastic stuffed or pickled too. Disease-resistant plants yield early and heavy harvests of 4" peppers from early to late season. Container friendly. Full Sun.

51445A 30 seeds per packet \$4.95
 22850 1 order / 3 plants \$18.95

Buy 1 Plant in Mix & Match, page 78

Hasta La Pasta

Burpee Exclusive.
Spaghetti Squash, 73 days. Flavor comes first. Fruits of high yield, easy to grow, compact plants sweetly substitute for starchy pasta. Ample perfectly-shaped fruit are 12-15" long and 4-5" across—family-sized, with one squash = one meal. Super-healthy and packed with immunity-enhancing nutrients. Works wonders in hearty winter dishes. Simply halve, brush with oil and roast to sweet, nutty perfection. Thick, textured skin locks in freshness—keeps beautifully in storage. Full Sun.

57117A 25 seeds per packet \$6.95

800-888-1447 • BURPEE.COM 5



Tomato Seedlings Thriving



A little about garden pests

- Weeds
- Rats, squirrels, gophers and birds
- Snails and slugs
- Aphids and beneficial insects
- UC Integrated Pest Management site



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Weeds



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Basic weed control



- **Never let a weed go to seed!**
- Pull or hoe in spring when weeds are small
- Remove roots as well as tops
- Put problem weeds into garbage, not compost
- Cover bare soil with thick mulch
- Sheet mulch with cardboard

Vertebrate pests



Protect seedlings with berry baskets or plastic milk jugs

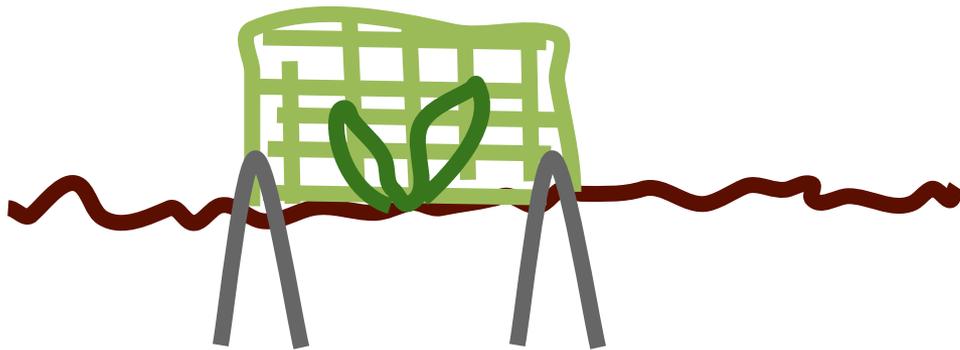


Photo by Liesl Clark



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Hardware cloth cages



Genevieve Schmidt of www.northcoastgardening.com



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Gopher baskets protect roots



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Snails and Slugs



Video: Did a snail eat my plant?

<https://www.youtube.com/watch?v=W-ul631ut1s>



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Trapping snails and slugs



**Iron
phosphate
bait for snails
and slugs**



Aphids



Video of water spray to
remove aphids:

<https://youtu.be/upz-gyKfqzo>



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Lady beetle adult and larva



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Attract beneficial insects



- Avoid using pesticides
- Allow some prey (aphids) to survive
- Grow flowers, especially tiny ones



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UC Integrated Pest Management

<http://ipm.ucanr.edu/>



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For next week: Scavenger Hunt

Explore the UC IPM website <http://ipm.ucanr.edu>, by finding the following information:

1. A plant that aphids eat
2. A natural insect enemy of aphids
3. A technique to control snails & slugs in the garden
4. A type of lady beetle
5. One way that bermudagrass spreads
6. A perennial weed
7. An annual weed
8. A sign of pocket gophers in a garden
9. A plant that can get sunburned
10. A common pest or disease of roses



Thank you for coming



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Other multiple packs



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Single plant containers



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- ✓ Have you ever looked through a seed catalog or read about an “Amazing” vegetable or plant variety and hope you’ll find it in the Spring at your local Nursery or MG Spring Market?



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- ✓ Does your garden have growing conditions that are unique (Sun, Soil, Diseases, Space, Containers, Climate)?



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Seeds to Seedlings: Basic Equipment Requirements for Early Germination (Hint: start out small!)

- ✓ Potting Soil
- ✓ 6 – packs, pots and other containers
- ✓ Trays
- ✓ Plant tags
- ✓ Plastic cover

